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Annual Report 1984-85

Saskatchewan Health Dental Plan

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Saskatchewan Health

Dental Plan

September 1, 1984 to August 31, 1985

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Graham Taylor
Minister of Health

Saskatchewan Health

To the Honourable F. W. Johnson
Lieutenant Governor of Saskatchewan

May It Please Your Honour:

I am pleased to present the Report of the Dental Plan for the year ending August 31, 1985.

Respectfully submitted,

Graham Taylor,
Minister of Health.

Walter Podiluk
Deputy Minister
of Health

Saskatchewan Health

To the Honourable Graham Taylor
Minister of Health

Sir:

I have the honour to present herewith for your consideration the Report of the Dental Plan for the year ending August 31, 1985.

Respectfully submitted,

Walter Podiluk,
Deputy Minister.

G. H. Loewen
Associate Deputy
Minister of Health

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Executive Director
Saskatchewan Health Dental Plan

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Background

In 1968, the Saskatchewan Department of Health conducted surveys in Regina and Saskatoon which showed that the level of dental health of children in these cities was far from satisfactory. On the basis of the survey results, the Dental Division of the Department of Health proposed that the federal government allocate funds for a dental pilot project in the province. The project was to provide dental health education, preventive services and treatment services to children through a dental team consisting of a dentist, two dental therapists (formerly called dental nurses), three dental assistants and one receptionist recorder.

The dental therapists were formally trained to provide educational, preventive and treatment services to children, including deciduous (baby) tooth extractions and amalgam and composite restorations (silver and tooth-colored fillings) in deciduous and permanent teeth. The three dental assistants were formally trained to provide chairside assistance, simple prophylaxis (cleaning) and topical fluoride.

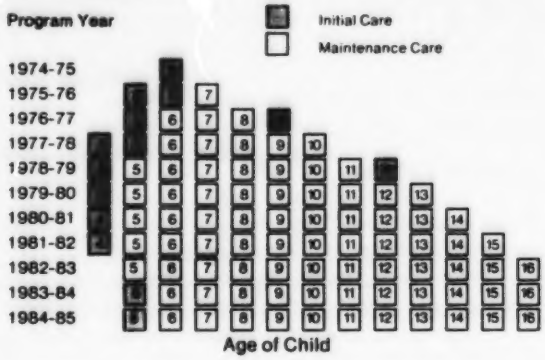
Services were made available to children from three to twelve years of age in the Oxbow area of Southeastern Saskatchewan. The dental team was housed in a mobile clinic equipped with four dental units, an X-ray machine, a laboratory and a reception room. The project lasted for three years. It demonstrated that high quality care could be provided by such a program and also that parents were prepared to enroll their children in a dental program in which care was provided by dental therapists. It was important to establish that a dental program making use of dental therapists could be successful because one of the main reasons for testing such a program was the chronic shortage of dentists in the province, especially in the rural areas.

On the basis of the successful Oxbow project, the Government of Saskatchewan announced in March 1972 that a province-wide, school-based dental program would be established to provide comprehensive dental care to children between the ages of three and twelve. The program commenced in September 1974. With the cooperation of the Department of Education and local school boards, dental clinics have been located in schools to make access more convenient for children and parents.

Children have been enrolled as follows:

Enrollment Date	Year of Birth
September 1974	1968
September 1975	1969, 1970
September 1976	1967, 1971
September 1977	1972
February 1978	1973
September 1978	1966, 1974
September 1979	1975
September 1980	1976
September 1981	1977
September 1983	1978
September 1984	1979

Phase in Schedule



Health Region No. 1 in Swift Current had a Dental Program for almost 30 years. The program had been modified to avoid duplication of the Saskatchewan Dental Plan. The Swift Current Regional Health Board provided services to those resident children and adolescents up to and including 18 years of age who were either too young or too old for enrollment in the Saskatchewan Dental Plan.

With only four age groups remaining it was not economical for this program to continue. Negotiations to absorb the Swift Current Health Region Dental Program were completed in 1981 and resulted in young people who were Swift Current Health Region residents and born in the years 1963 to 1965 and 1978 becoming eligible for enrollment in the Saskatchewan Dental Plan.

On April 1, 1982 the Saskatchewan Dental Plan assumed responsibility on behalf of the Medical Services Division, for the administration of the Supplementary Health Benefits Dental Program.

Several studies on the Saskatchewan Health Dental Plan have been carried out during its years in operation. They include: Research in the Use of Expanded Function Auxiliaries (Curry, T.M., et al, 1974); Social Class and Dental Care Utilization (Swanson, E., 1976); Quality Evaluation of Dental Services Provided by Saskatchewan Dental Plan (Ambrose, E., et al, 1976); Attitude Survey of Families Enrolled in the Saskatchewan Dental Plan (1979); and Performance of the Saskatchewan Dental Plan (Lewis, D., 1981). All of the above reports, except the first, are available through the Saskatchewan Health Dental Plan's administrative office in Regina.

Organization and Administration

Legislative and Regulatory Authority

The Dental Care Act gives the Department of Health authority to operate a dental care program. The act authorizes the Minister to enter into agreements with or to employ dentists, dental therapists and certified dental assistants and do such other things as are necessary for the establishment and operation of the dental care program.

The Saskatchewan Dental Nurses Act, (1973) created a Saskatchewan Dental Nurses Board to establish and maintain rules for the registration and licensing of dental nurses, to set standards of professional conduct for dental nurses, to advise the Minister of Health on matters referred to the Board and to ensure the regulations and standards of professional conduct were met by all registrants. The first Board was appointed on September 25, 1973.

The Saskatchewan Dental Nurses Act was rescinded and was replaced by **The Dental Therapists Act** in 1981. This Act established The Saskatchewan Dental Therapists Association, changed the name "dental nurse" to "dental therapist" and replaced the Saskatchewan Dental Nurses Board with the Saskatchewan Dental Therapists Council.

The Saskatchewan Dental Therapists Council establishes and maintains rules governing the registration and licensing of dental therapists and sets standards of professional conduct. The Council also ensures that the regulations and standards of professional conduct are met by all registered dental therapists.

Administrative Structure

The administrative organization is outlined in the organization chart on page 6. The Saskatchewan Dental Plan is administered through a central headquarters staff, administrative staff, warehouse and stores personnel. The province is divided into six administrative regions. Regional headquarters are located in Swift Current, Regina, Saskatoon, Yorkton, Prince Albert and North Battleford.[1]

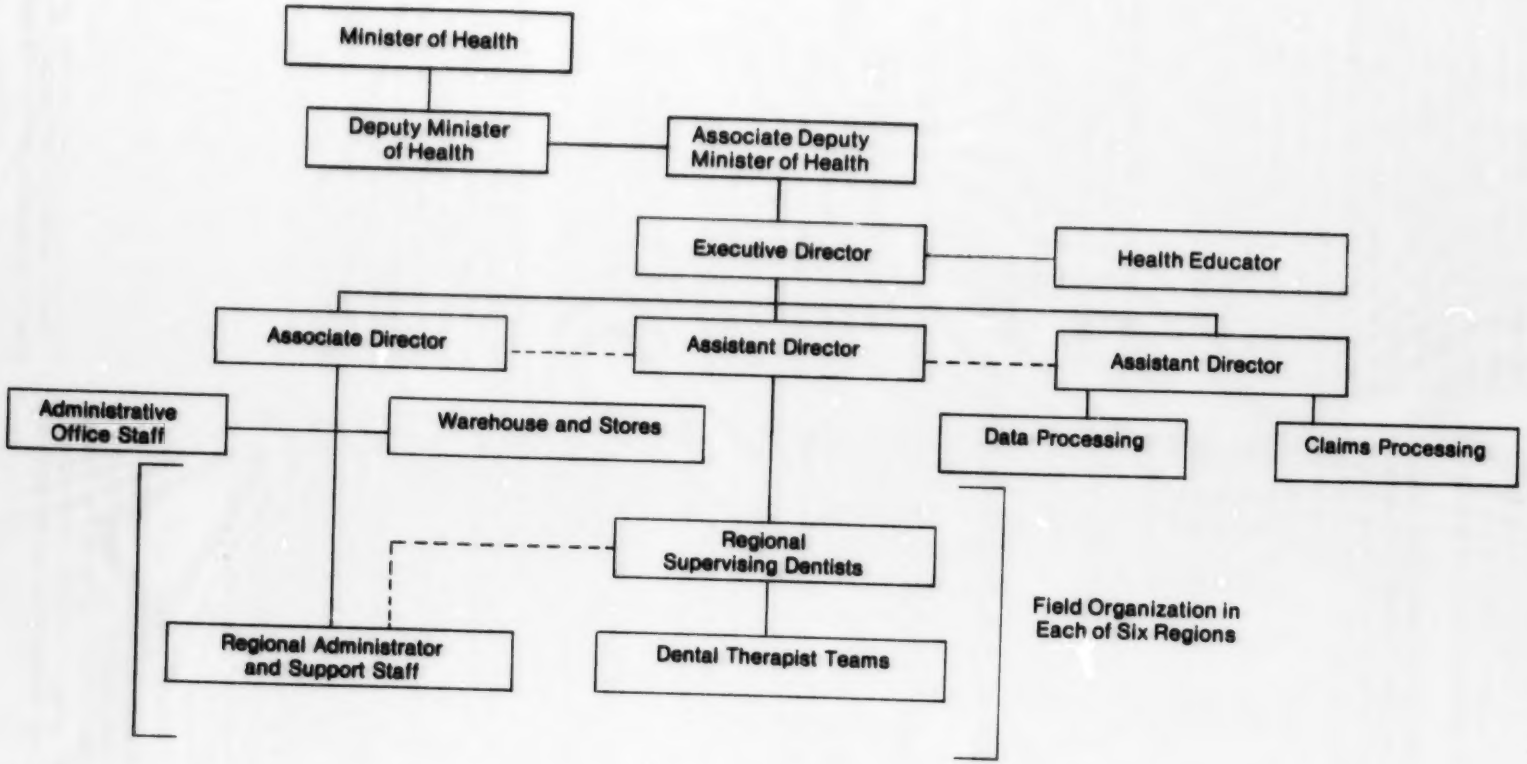
On September 1, 1984 the Hudson Bay School Division was transferred from the Prince Albert Dental Region into the Yorkton Dental Region. This change in caseload resulted in a more efficient operation of the Dental Plan in this area.

The Saskatchewan Dental Plan does not provide coverage to children and adolescents in the northern part of the province. The Northern Health Services Branch operates its own dental plan for children and adolescents. However, the Saskatchewan Dental Plan provides Northern Health Services Branch with consultation, dental equipment technician services and supplies from the Dental Plan Central Warehouse.

[1] The six Dental Plan Administrative Regions and headquarter locations are shown on the map on page 7.

Dental Plan Administrative Organization

Figure 1

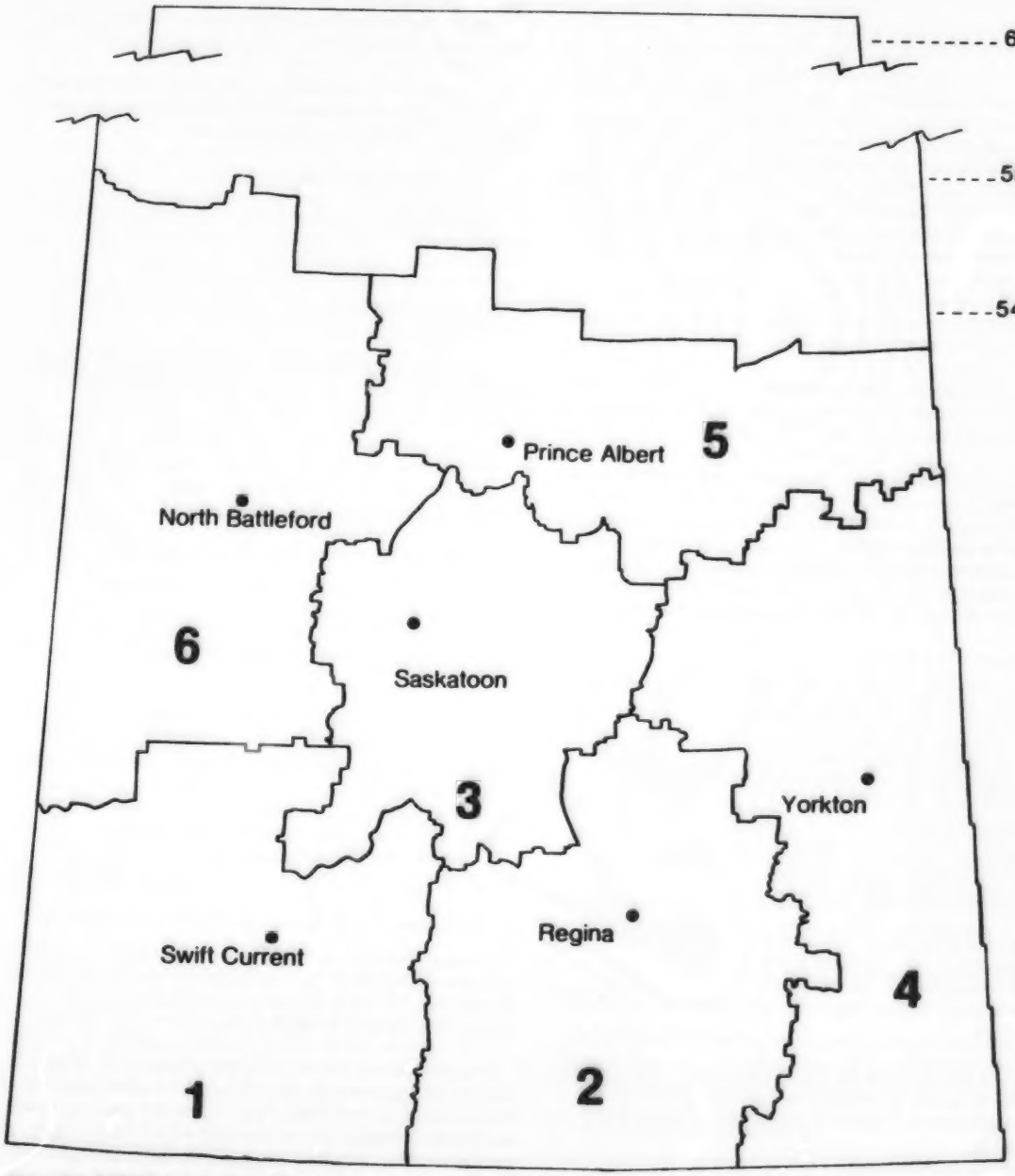


– – – – – Denotes Communication in Management Team

August 31, 1985

Dental Plan Administrative Regions

Figure 2



Key to Administrative Regions

No. 1 Swift Current
No. 2 Regina
No. 3 Saskatoon
No. 4 Yorkton
No. 5 Prince Albert
No. 6 North Battleford

August 31, 1985

Profile of Dental Plan Personnel

Clinical Personnel

1. Supervising Dentist

The supervising dentist performs a variety of duties in close cooperation with approximately eight dental therapist teams. Each team consists of one dental therapist and one certified dental assistant. The dentist spends a great deal of time examining and formulating treatment plans for enrolled children and adolescents. The dentist carries out services which are beyond the scope of the dental therapist. Lines of communication are always open between the team and the dentist in order to provide the team with immediate consultation or assistance when necessary. As supervisor, the dentist monitors the quality and quantity of work being performed by the teams. To do this, the dentist examines selected patients from each team annually using established criteria. The dentist also sees that priorities and schedules are being arranged and met.

Meeting frequently with parents, superintendents, principals, teachers and local officials, the dentist plays a significant role in public relations. All field staff are essentially public relations officers but it is the supervising dentist, together with the regional administrator, who must assess and deal with the specific difficulties and judge public sentiment.

2. Dental Therapist

The Saskatchewan Dental Therapist is a graduate of a two-year training course. Students in this course learn to diagnose tooth decay and to restore permanent and baby teeth with silver amalgam and composite resin filling materials. Dental therapists are trained to place stainless steel crowns and space maintainers and to perform pulpotomies (nerve treatments) and extractions on baby teeth. Considerable emphasis in their training is placed on the prevention of dental disease.

Most practising dental therapists in Saskatchewan are employed by the Saskatchewan Dental Plan. Other employers include various provincial and federal government agencies and dentists in private practice.

In the Dental Plan the dental therapist, with the aid of an assistant, provides the majority of preventive and restorative treatment required by Dental Plan patients.

3. Dental Therapist/Hygienist

Wascana Institute provides a unique dental hygiene training program. The program is specifically designed for graduate dental therapists. Dental therapists receive approximately 7 months training and obtain the skills necessary to be qualified dental hygienists. The program is accredited by the Canadian Dental Association Council on Education.

Working with a dental assistant, the dental therapist/hygienist provides preventive services, treatment services and staff education aimed at the prevention and treatment of periodontal disease.

In addition, the dental therapist/hygienist spends some time providing the traditional restorative and preventive services of a dental therapist.

4. Certified Dental Assistant

Certified dental assistants, who are graduates of a one-year course, play a dual role within the dental team. They perform many chairside duties for the dentist and therapist, such as instrument transfer, suctioning, retraction, preparation of restorative materials and sterilization.

In addition they take radiographs, clean and polish teeth, apply topical fluorides, place sealants and provide oral hygiene instruction.

Non-Clinical Personnel

1. Regional Administrator

Regional administrators maintain records on personnel, equipment, materials, supplies and services. They work in close cooperation with supervising dentists in assigning service areas for dental therapist teams.

Regional administrators are responsible for identifying locations for dental clinics, monitoring program progress, identifying operational problems and initiating corrective action. They share with the supervising dentists, responsibility for public relations in the region and deal with specific difficulties affecting parents, staff and members of the public.

2. Equipment Technician

The equipment technician is experienced in instrument technology and repair of dental equipment. He installs, repairs and maintains all dental equipment within the region.

Preventive maintenance is practised by all staff under the guidance of the equipment technician. This maintenance eliminates a great deal of lost time because of malfunctioning dental equipment. The equipment technicians regularly visit the dental clinics and are therefore involved in considerable travel.

The supervising equipment technician provides technical guidance and on-the-job training to technicians and also undertakes some of the more complex repairs requiring specialized shop instruments and tools.

Organization of Delivery of Dental Services

Dental Facilities

The Dental Plan uses a team approach to provide dental services in the school setting. Most of the work provided by the dental teams is performed in one-chair permanent dental clinics. The dental clinics situated in schools have many advantages over clinics located outside the school setting. Some of the advantages are better coordination with school activities, keeping children within the familiar surroundings of their own school, minimal class disruption and a minimum of working time lost by dental teams because of missed appointments or having to transport patients.

As of August 31, 1985 there were 565 permanent clinics located in schools throughout Saskatchewan (Appendix 1 lists dental clinics alphabetically by region). Permanent dental clinics, where possible, consist of a bright well-painted room of approximately 23 square metres, often with an adjoining waiting room and washroom. Most have overhead fluorescent lighting, a ventilation fan and an adequate number of electrical utility outlets. Each clinic has a lockable cupboard with a stainless steel sink and counter work areas. Located in the school, as close as possible to the clinic, is a large fixed air compressor.

A permanent dental clinic is furnished with a motorized dental chair with an attached light, operator and assistant stools, mobile dental cabinet, mobile dental cart, sterilizing equipment, amalgamator, brackets to accommodate a portable x-ray machine and portable lead shielding. All hand instruments are carried from clinic to clinic by the dental teams.

Patient Care

1. Children's Dental Care

The majority of patient care in the Dental Plan is provided in schools using a team approach.

Each team consists of a dental therapist and a certified dental assistant. Associated with each dental therapist team is a supervising dentist who works in close conjunction with about eight teams. In each region there are regional support staff including a regional administrator, an equipment technician and clerical workers.

A great deal of preliminary work within each dental region in developing schedules is undertaken to ensure that a timetable can be developed to provide dental care to all enrolled children with as little disruption to the school as possible. School principals are contacted to discuss suitable times for the teams to visit their schools and to inform them of the number of children enrolled in their particular area. The dental therapist team explains the operation of the Dental Plan to the school staff involved and discusses the schedule within each particular school. To promote continuity, dental teams attempt to schedule their work in a school at the same time each year.

A few days before the child's initial visit to the dental clinic parents are contacted by phone or letter. On the first clinic visit, the child's medical history is checked to see if there are any medical conditions which might affect the provision of dental care. A simple examination of the child's mouth is performed to determine if diagnostic x-rays are required. Any required radiographs are taken and processed.

During the second visit, the dentist or dental therapist gives the child a full clinical examination. A treatment plan is written to suit the individual preventive and restorative needs of the child. Parents are encouraged to be present for this visit so that the pertinent diagnostic findings and treatment planning can be discussed directly with them. At this time, diet and oral hygiene are also discussed with the parent and child. The prevention of dental disease is of great importance, and the dental teams stress preventive measures with the parents and children throughout the course of treatment.

Except for emergencies and urgent problems, the actual dental treatment usually commences at the third clinical session. A dental therapist and certified dental assistant carry out treatment in accordance with the treatment plan. As treatment progresses, any necessary modifications in the treatment plan are made in consultation with the supervising dentist. Dental teams are encouraged to perform quadrant dentistry, so that all necessary treatment in any quarter of the mouth is performed during one visit. Most restorative treatment is performed with the use of rubber dam, a technique which provides improved visibility and control of the operating field for the dental therapist and comfort and protection of the patient.

Referrals to private practitioners are written for specific dental treatment. Private practitioners may also provide emergency services to enrolled children.

2. Adolescent Dental Care

Young people enrolled in the Saskatchewan Dental Plan have been receiving dental care primarily in school dental clinics. Upon leaving school they will be responsible for their own dental health and will need to seek care from a dentist in private practice. A bridging program has been developed in cooperation with the College of Dental Surgeons of Saskatchewan to encourage young people to make this transition. The program provides for a number of

adolescents 14 years and over who are enrolled in the Dental Plan to receive care in private dental offices.

The Department of Health has an agreement with the College of Dental Surgeons of Saskatchewan to make a capitation payment to the College for each young person making one or more visits to a participating dentist. In turn an agreement between the College and participating dental practitioners allows dentists to be paid on a fee-for-service basis in accordance with a payment schedule established by the College for this program. All covered services are provided at no charge to the parents. This agreement specifies that dentists will make every effort to ensure the participation of these patients.

In order to provide dental services, schools with grades 9, 10 and 11 are designated as either Dental Plan schools or private practice schools. In Dental Plan schools care is provided by Dental Plan staff in school clinics. In private practice schools dental care is provided in the office of a participating dentist of the parent's choice. All schools assigned to private practice are within fifty kilometers driving distance of a participating dentist. During the year 83.9% of all adolescents born in 1968, 81.6% of those born in 1969, and 70.5% of those born in 1970 received care from private practitioners.

The agreement between the College of Dental Surgeons and the Department of Health also specifies that a Quality Assurance Committee will be established. It assesses and makes recommendations about the quality of care provided to young people in both dental clinics and dental offices. This committee consists of a dentist from private practice, a dentist from the College of Dentistry, University of Saskatchewan, and a dentist from the Dental Plan. The committee has established criteria for the evaluation of dental care. Each school year members of the committee visit a number of schools in the province and examine young people who have been treated in the program. The committee sees examples of dental care provided by dentists participating in the adolescent dental program and by dental therapists in school dental clinics. The committee reports its findings regularly to the College of Dental Surgeons of Saskachewan and the Department of Health.

Statistical highlights of the 1984-85 year of operation of the adolescent program are presented in Tables 1A-1C.

Table 1A

Dental Health of Enrolled Adolescents

September, 1984 - August, 1985

	Year of Birth					
	1968		1969		1970	
	Assigned to Dental Plan	Assigned to Private Practice	Assigned to Dental Plan	Assigned to Private Practice	Assigned to Dental Plan	Assigned to Private Practice
Decayed, missing, filled permanent teeth (DMF/child)	8.43	7.76	7.38	6.81	6.06	5.65
Decayed	1.06	1.09	1.08	1.06	1.00	1.04
Missing	.39	.33	.35	.31	.28	.25
Filled	6.97	6.33	5.94	5.43	4.76	4.35
% Children with DMF of 0	3.03	4.24	3.66	5.62	6.26	7.72

Table 1B

Number of Enrolled Adolescents Utilizing Dental Services

September, 1984 - August, 1985

Year of Birth	Provider of Service	Number Enrolled	Number Seen One or More Times	Percent of Enrolled Seen One or More Times
1968	Dental Plan	2,184	1,908	87.36
	Private Practice	11,417	8,603	75.35
	Sub total	13,601	10,480[1]	77.05
1969	Dental Plan	2,526	2,275	90.06
	Private Practice	11,174	8,667	77.56
	Sub total	13,700	10,916[1]	79.68
1970	Dental Plan	4,007	3,782	94.38
	Private Practice	9,598	7,896	82.27
	Sub total	13,605	11,616[1]	85.38
Total	Dental Plan	8,717	7,965	91.37
	Private Practice	32,189	25,166	78.18
	Total	40,906	33,012[1]	80.70

[1] As a young person could have been seen once by both Dental Plan staff and private practitioners due to school changes during the year, the two individual items do not equal the sum.

Table 1C

Principal Clinical Services Provided to Adolescents Born in 1968, 1969 and 1970

September, 1984 — August, 1985

Service	Assigned to Private Practice		Assigned to Dental Plan	
	Number of Services	Services Per 1,000 Seen One or More Times	Number of Services	Services Per 1,000 Seen One or More Times
Comprehensive examination	24,731	983	7,654	961
Emergency oral examination	65	3	244	31
Specific oral examination	51	2	3,560	447
Intra-oral periapical radiogram-single film	1,905	76	548	69
Intra-oral periapical radiogram-two films	1,539	61	126	16
Intra-oral periapical radiogram-three films	266	11	19	2
Intra-oral periapical radiogram-four films	741	29	15	2
Intra-oral periapical radiogram-five films	71	3	1	0
Intra-oral/occlusal- single film	7	0	22	3
Intra-oral/bitewing- one film	74	3	125	16
Intra-oral/bitewing- two films	20,395	810	3,434	431
Dental prophylaxis, oral hygiene instruction and topical fluoride	22,074	877	7,571	951
Fillings				
Permanent — one surface	12,307	489	4,083	513
Permanent — two surface	9,372	372	3,699	464
Permanent — three surface	2,387	95	952	120
Permanent — four surface	355	14	125	16
Permanent — five surface	89	4	28	4
Acrylic or composite Class I or V only	1,219	48	644	81
Class III	1,960	78	691	87
Class IV	582	23	180	23
Acrylic or composite, acid etch tech., double class IV (involving mesial & distal)	232	9	53	7
Plastic (acrylic) processed	292	12	39	5
Endodontics - one canal	313	12	68	9
Extraction - single tooth	1,816	72	438	55
Each additional tooth in the same quadrant at the same appointment	143	6	20	3

Dental Health Promotion

Dental Plan staff are continually involved in community dental health education and promotion activities. Staff frequently participate in community and school association meetings, prenatal class presentations, career days, school open house activities, shopping mall displays and health fairs. Many dental teams also provide dental health instruction in the classroom. These activities are intended to promote dental health and to make current dental health information available to the public.

In 1983, a periodontal survey was conducted to gather information about gum disease in Saskatchewan adolescents. The results showed that although gum irritation, soft debris and limited hard deposits were prevalent amongst the adolescents surveyed, the majority of these conditions were found to be in the early stages. The findings of this survey emphasize the importance of education, prevention and early treatment of gum disease in Saskatchewan's adolescent population.

Preventive Programs

The Dental Plan strives to offer the most effective and practical measures available to reduce the incidence of dental disease. To help accomplish this objective, the position of Dental Health Educator has been established. This person is responsible for planning, implementing and evaluating prevention and research projects within the Dental Plan, training Dental Plan staff in prevention-related activities, developing and coordinating health education materials and acting as a resource person for Dental Plan staff. In this way, prevention activities are coordinated centrally within the Dental Plan.

An individual approach to prevention is used within the dental clinic. When indicated, children and adolescents receive individual oral hygiene and nutritional instruction, as well as topical applications of fluoride. The dental teams attempt to identify and concentrate their efforts on those children and adolescents with a high risk for dental disease.

Fissure Sealants

Fissure sealants are a thin plastic coating applied to the biting surfaces of back teeth to prevent decay. With the majority of tooth decay now occurring on the biting surfaces, sealants have taken a prominent role in the Dental Plan's prevention program.

The application procedure is simple. The biting surface of a permanent molar or pre-molar is cleaned and treated with a mild conditioning solution which allows the sealant to stick to the tooth. The plastic sealant material is then applied to the grooves of the tooth and allowed to set.

The use of fissure sealants has increased rapidly since they were introduced in the 1981-82 school year. Approximately 140,000 fissure sealants were placed in the 1984-85 school year. As a result of this extensive use of fissure sealants, the number of fillings on biting surfaces being placed by the Dental Plan's clinical staff and by private practice dentists in the adolescent program has dropped significantly (see Figures 3 and 4).

Fluoride Mouthrinse Program

Many schools in each region are participating in fluoride mouthrinse programs with the approval of the local school board and school personnel. The fluoride mouthrinse program is a safe and economical way to prevent tooth decay and requires little classroom time. Every week, under supervision, the students rinse with a 0.2% neutral sodium fluoride solution for one minute and then return the solution to a paper cup for proper disposal. Studies show that fluoride mouthrinsing reduces tooth decay by up to 35%. This procedure is entirely voluntary and without cost to parents.

As of June 1985 more than 10,500 students were participants in fluoride mouthrinse programs.

Figure 3

One Surface Amalgams and Sealants Placed on 1st Permanent Molars of 6 to 8 Year Olds Per 100 Children Examined

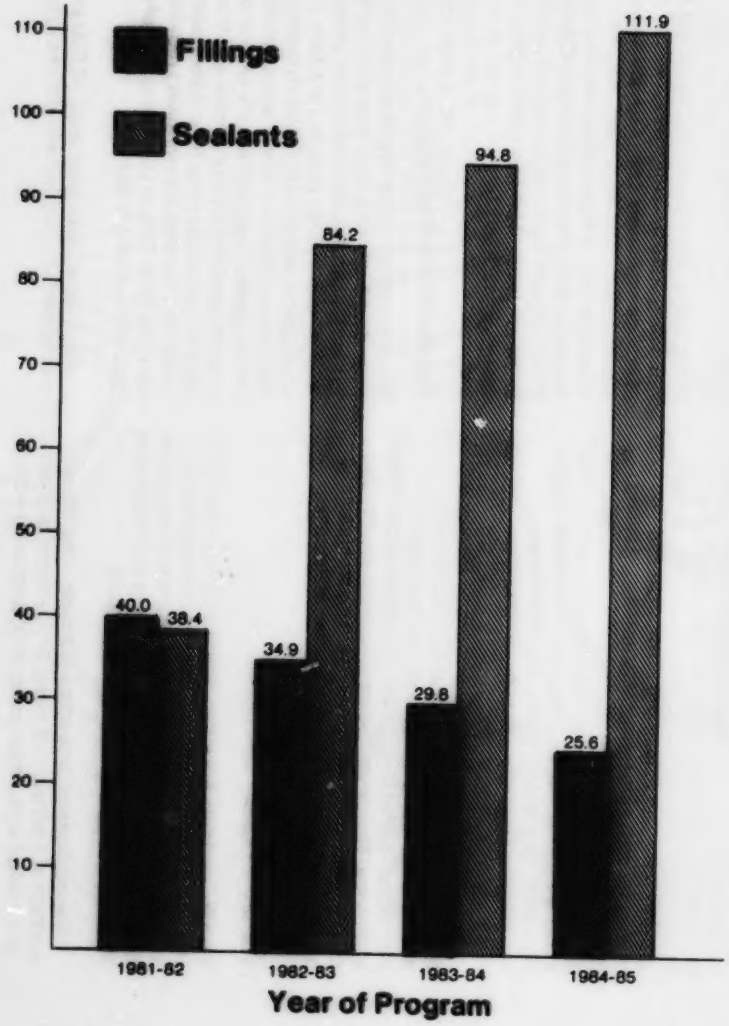
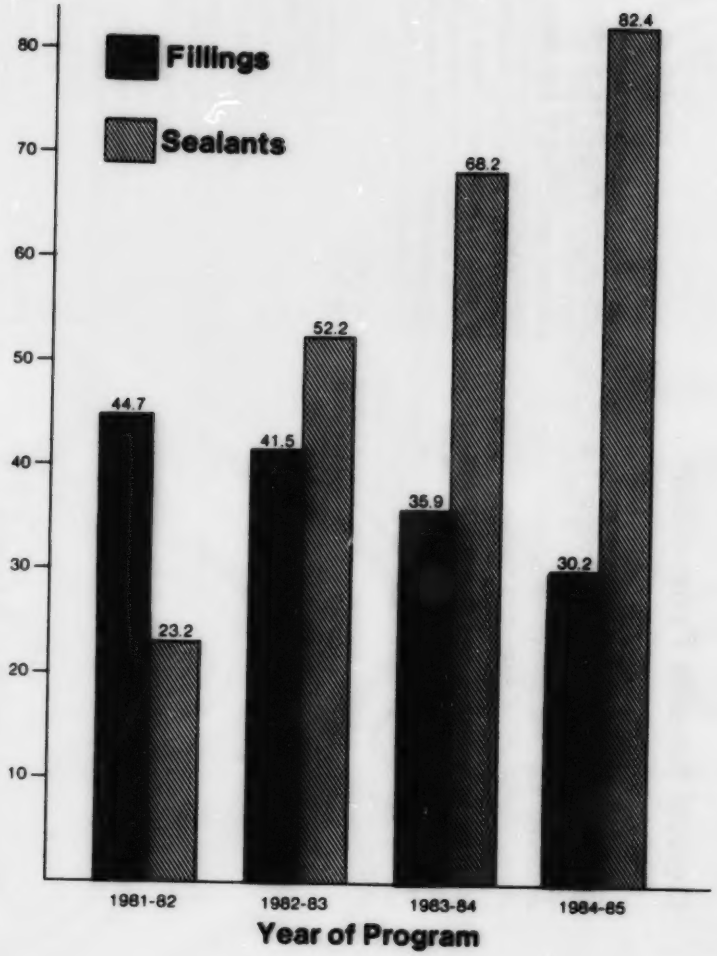


Figure 4

One Surface Amalgams and Sealants Placed on 2nd Permanent Molars of 12 to 14 Year Olds Per 100 Children Examined



Continuing Education

Continuing education is encouraged for all staff in the Dental Plan. Supervising dentists work with individual dental teams and groups of teams presenting and reviewing dental techniques. Regular team meetings normally set aside a portion of each meeting for continuing education. Topics include reviews of clinical procedures, patient management and communication skills.

Regional meetings also incorporate continuing education components in their programs. In addition to information presented by Dental Plan staff, several presentations were made by outside agencies or individuals. Dr. Dean Kolbinson, Faculty of Dentistry, University of Saskatchewan, spoke to the Saskatoon Region on Oral Pathology. Dr. Alan Ross, Faculty of Dentistry, University of Saskatchewan, gave a presentation to the Regina Region on Oral Surgery and Dr. Hugh Grocott, Medical Consultant, Saskatchewan Health gave a presentation on Bacterial Endocarditis. Sharon Bond-Moore and Heather Lounsbury, Speech Pathologists from the Yorkton/Melville Health Region, gave a presentation on Speech Pathology to the Yorkton Region. A Consumer Relations Course was presented to the North Battleford Region by Audrey Roadhouse, Director of Communications and Health Education, Saskatchewan Health.

A number of staff attended courses sponsored by the Public Service Commission. In addition, many staff received support for attending courses and meetings presented by other organizations in the province such as the Dental Therapists Association, the College of Dental Surgeons of Saskatchewan and the University of Saskatchewan.

A number of dentists and regional administrators in the Dental Plan attended management courses sponsored by the Department of Health and the Public Service Commission.

Other Activities

In addition to the major responsibility of improving the level of dental health of children and adolescents in the province, the Saskatchewan Dental Plan is involved in other dental activities.

The Dental Plan provides consultation on provincial dental matters to other agencies such as the Northern Health Services Branch, Community Health Services Branch, Medical Care Insurance Commission and the Federal Government.

The Dental Plan administers the Supplementary Health Dental Benefits program. In this capacity the Dental Plan processes approved claims for payment and summarizes unusual claims for review by the Dental Advisory Board. Details are provided in Appendix 2.

The College of Dentistry at the University of Saskatchewan and the Dental Plan work together to provide students and new graduates an opportunity to gain first hand knowledge of the Dental Plan. As well as encouraging graduates to consider a career as a supervising dentist with the Dental Plan, the knowledge gained from this experience helps build a positive working relationship between those graduates entering private practice in the province and the Dental Plan. College of Dentistry students at the University of Saskatchewan have an opportunity to learn about the Dental Plan through class discussions in which Dental Plan staff participate and by visits to Dental Plan clinics.

One dental student was employed by the Dental Plan in Regina during May through August. Job responsibilities included updating the Dental Plan's Field Manual and coordinating a survey of parents who have not responded to invitations to enroll their children in the Dental Plan.

The Dental Plan also offers part-time employment to recent graduates of the College of Dentistry, University of Saskatchewan. Three recent graduates provided dental care on a part-time basis to children and adolescents attending Dental Plan clinics. These dentists become familiar with the Dental Plan and gain experience in providing dental care to children and adolescents.

The Dental Plan and the College of Dental Surgeons participate in a summer externship program. This program provides fifth year dental students at the University of Saskatchewan with an opportunity to gain experience in providing preventive and treatment procedures in a rural dental practice setting under the guidance of a private practitioner. The Dental Plan provided a grant to the College of Dental Surgeons of $800.00 per student per month for 9 students who worked a total of 26.5 months. This grant was paid to the private practitioner who in turn paid the student a salary of $1,600.00 a month.

Table 2

Enrollment of Eligible Children and Adolescents (Excluding Registered Indians)[1]

as at August 31, 1985

Age Group	Number Eligible	Number Enrolled	Percent Enrolled	Number Refused	Percent Refused	Number No Response	Percent No Response
Total[2]	175,251	157,624	89.9	13,334	7.6	4,293	2.5
Born 1968	14,729	12,936	87.8	1,421	9.7	372	2.5
Born 1969	14,739	13,107	88.9	1,310	8.9	322	2.2
Born 1970	14,408	12,961	90.0	1,171	8.1	276	1.9
Born 1971	14,419	12,728	88.3	1,416	9.8	275	1.9
Born 1972	14,355	12,793	89.1	1,298	9.1	264	1.8
Born 1973	13,983	12,582	90.0	1,153	8.2	248	1.8
Born 1974	14,177	12,841	90.6	1,078	7.6	258	1.8
Born 1975	14,402	13,182	91.5	962	6.7	258	1.8
Born 1976	14,637	13,418	91.7	878	6.0	341	2.3
Born 1977	15,012	13,761	91.7	922	6.1	329	2.2
Born 1978	14,916	13,532	90.7	926	6.2	458	3.1
Born 1979	15,474	13,783	89.1	799	5.1	892	5.8

[1] Enrollment figures include those adolescents eligible for treatment by private practice dentists in the adolescent dental program.

[2] Enrollment figures for Registered Indians are reported separately. Because of a number of circumstances unique to that group of children and adolescents, their participation in the Dental Plan is markedly lower than that of other eligible children (see Table 3).

Table 3

Enrollment of Eligible Registered Indians[1]

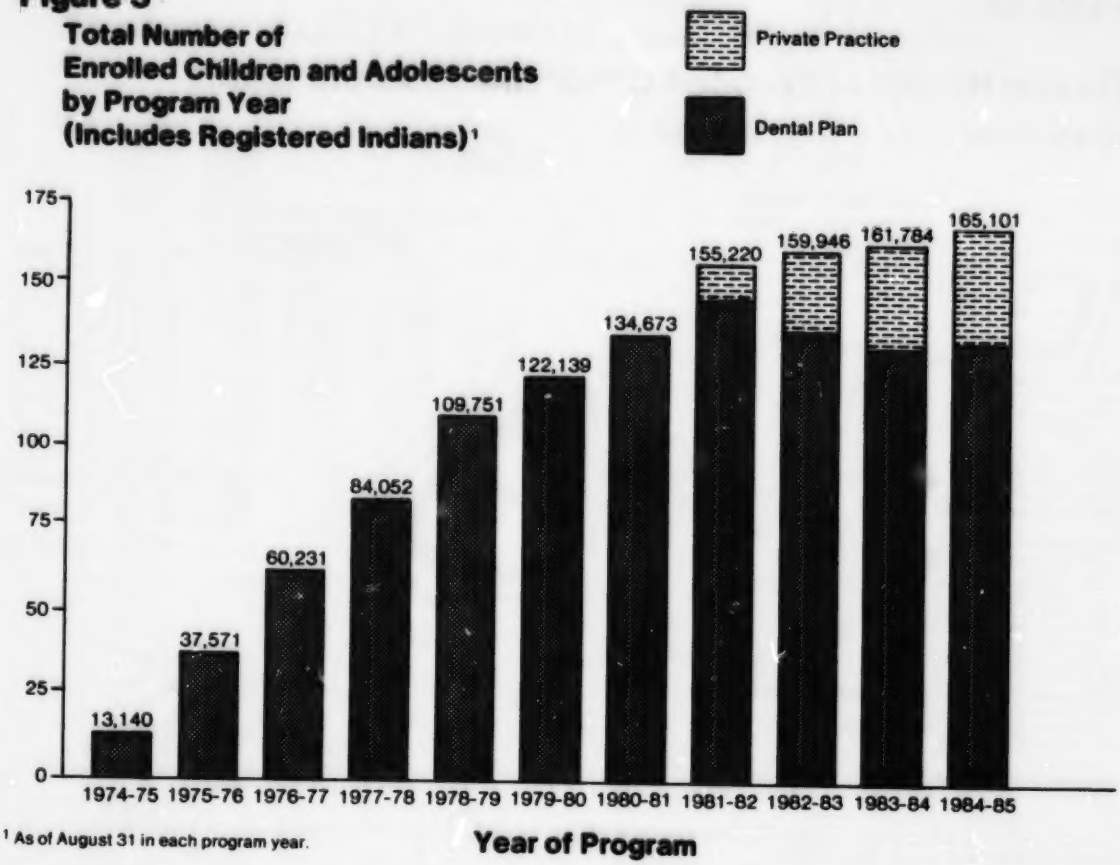
as at August 31, 1985

Age Group	Number Eligible	Number Enrolled	Percent Enrolled	Number Refused	Percent Refused	Number No Response	Percent No Response
Total	12,348	7,477	60.6	471	3.8	4,400	35.6
Born 1968	1,061	665	62.7	49	4.6	347	32.7
Born 1969	948	593	62.6	41	4.3	314	33.1
Born 1970	996	644	64.7	61	6.1	291	29.2
Born 1971	991	659	66.5	44	4.4	288	29.1
Born 1972	1,035	680	65.7	44	4.3	311	30.0
Born 1973	998	658	65.9	42	4.2	298	29.9
Born 1974	1,026	665	64.8	45	4.4	316	30.8
Born 1975	986	633	64.2	41	4.2	312	31.6
Born 1976	1,026	635	61.9	38	3.7	353	34.4
Born 1977	1,049	629	60.0	34	3.2	386	36.8
Born 1978	1,118	598	53.5	21	1.9	499	44.6
Born 1979	1,114	418	37.5	11	1.0	685	61.5

[1] Enrollment figures include those adolescents eligible for treatment by private practice dentists in the adolescent dental program.

Figure 5

Total Number of Enrolled Children and Adolescents by Program Year (Includes Registered Indians)[1]



[1] As of August 31 in each program year.

Dental Health of Enrolled Children and Adolescents

Every child and adolescent enrolled in the Dental Plan is examined once a year. This is a thorough examination with a dental light, mirror, explorer and air to dry the teeth. X-rays may be used to detect cavities between the teeth that cannot be seen otherwise.

Children in the province experience considerable tooth decay at a young age. It can be seen in Table 4A that the average five year old had 2.13 decayed deciduous (baby) teeth.

Table 4B shows a dramatic improvement in the number of decayed, missing and filled permanent teeth for individual age groups from the 1974-75 program year to the 1984-85 program year.

Figure 6 reflects the improvement of dental health of six year old children during the eleven years the Dental Plan has been in operation.

The total number of decayed, missing and filled permanent and baby teeth for six year old children, as shown in Figure 6, has declined from 6.5 in 1974-75 to 3.4 in 1984-85. It should be noted that in addition to an overall reduction in the total there has been a significant change from the major category being decayed teeth for six year olds in 1974-75 to the major category being filled teeth for six year old children in 1984-85.

Table 4A

Dental Health of Enrolled Children and Adolescents

September, 1984 — August, 1985

	Average Number or Percent Per Adolescent By Year of Birth			Average Number or Percent Per Child By Year of Birth								
	1968[1]	1969[1]	1970[1]	1971[1]	1972[1]	1973[1]	1974[1]	1975[1]	1976	1977	1978	1979
Decayed, extracted, filled deciduous teeth (DEF)	—	—	—	—	—	—	—	—	3.64	3.53	3.13	2.65
Decayed	—	—	—	—	—	—	—	—	.56	.73	1.01	2.13
Extracted	—	—	—	—	—	—	—	—	.16	.13	.11	.05
Filled	—	—	—	—	—	—	—	—	2.92	2.67	2.00	.46
Decayed, missing, filled permanent teeth (DMF)	7.89	6.94	5.78	4.61	3.67	2.94	2.14	1.55	1.08	.61	.23	.03
Decayed	1.08	1.06	1.03	.75	.67	.55	.43	.38	.39	.34	.17	.03
Missing	.34	.32	.26	.21	.15	.11	.03	.01	.00	.00	.00	.00
Filled	6.46	5.54	4.49	3.64	2.84	2.28	1.67	1.15	.68	.26	.05	.00
Total DEF plusDMF	—	—	—	—	—	—	—	—	4.73	4.15	3.38	2.69
Children with DMF of 0	4.30%	5.18%	7.24%	10.14%	14.45%	19.00%	29.39%	40.43%	53.85%	70.41%	87.34%	97.72%
Children with DEF of 0	—	—	—	—	—	—	—	—	21.99%	26.40%	33.17%	43.14%
Children with DMF plusDEF of 0	—	—	—	—	—	—	—	—	16.75%	23.20%	31.77%	42.87%
Decayed deciduous and permanent teeth	—	—	—	—	—	—	—	—	.96	1.07	1.19	2.16
Filled deciduous and permanent teeth	—	—	—	—	—	—	—	—	3.60	2.94	2.05	.47
Ratio filled deciduous plus permanent teeth to DMF plus DEF	—	—	—	—	—	—	—	—	.76	.70	.61	.17
Ratio missing plus extracted to filled teeth	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.05	.12
Permanent teeth erupted and not decayed	19.83	20.49	21.15	20.58	19.71	18.94	13.69	11.07	9.57	7.47	3.91	.80
Deciduous teeth filled and redecayed	—	—	—	—	—	—	—	—	.12	.11	.08	.05
Permanent teeth filled and redecayed	.11	.09	.08	.05	.04	.04	.02	.01	.01	.00	.00	.00

[1] Dental health indices on deciduous teeth for these children and adolescents have not been reported since too high a proportion of deciduous teeth have already been shed.

Table 4B

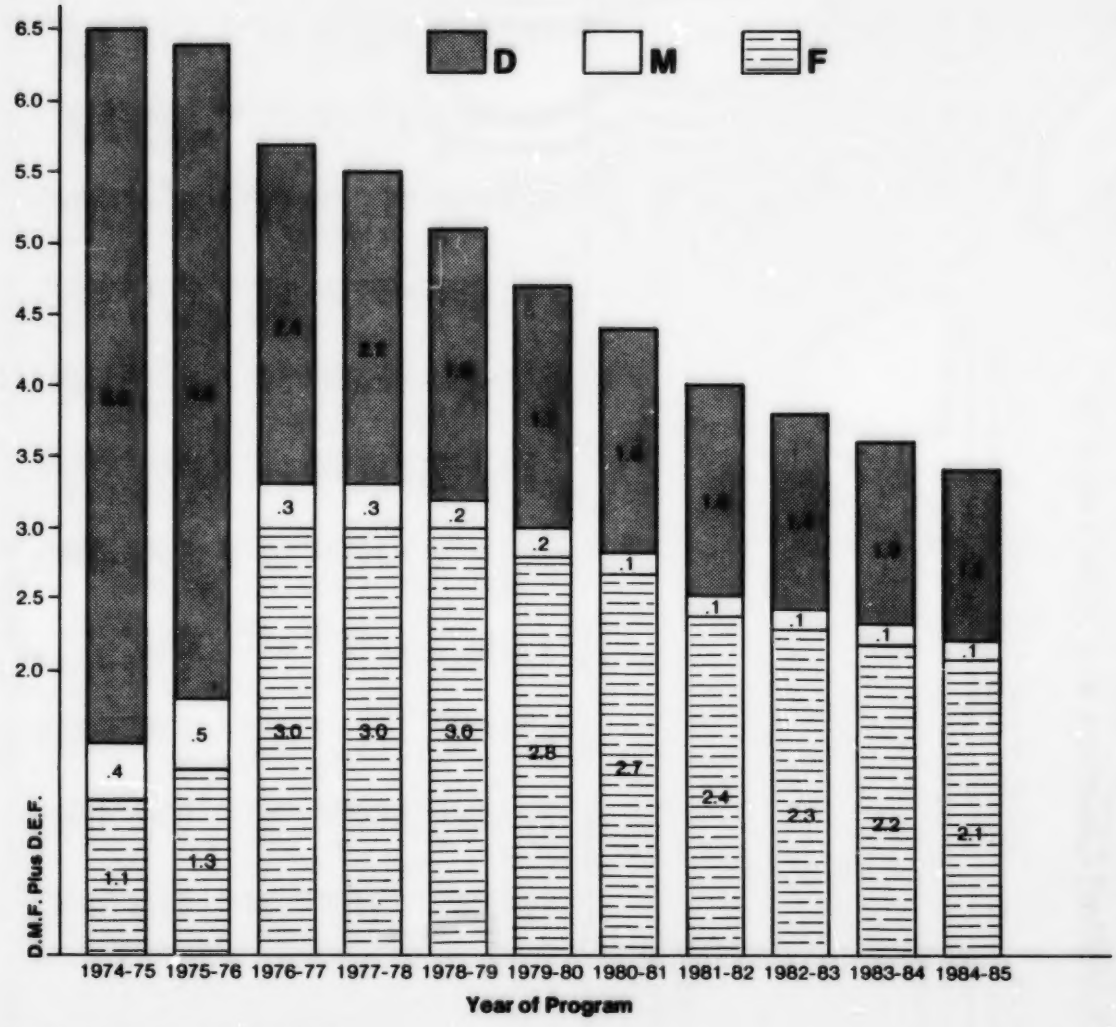
Progression of Decayed, Missing and Filled (DMF) Permanent Teeth by Age

1974-75 to 1984-85

Age School Year	6	7	8	9	10	11	12	13	14
1974-75	.94	—	—	—	—	—	—	—	—
1975-76	.80	1.95	—	—	—	—	—	—	—
1976-77	.72	1.81	2.71	3.10	—	—	—	—	—
1977-78	.67	1.52	2.54	3.21	3.68	—	—	—	—
1978-79	.57	1.46	2.26	3.01	3.65	4.42	5.23	—	—
1979-80	.53	1.24	2.08	2.69	3.43	4.20	5.24	6.25	—
1980-81	.38	1.17	1.80	2.47	3.07	3.94	4.96	6.25	7.32
1981-82	.32	.93	1.76	2.30	2.96	3.63	4.71	5.86	7.17
1982-83	.31	.83	1.45	2.27	2.76	3.43	4.33	5.48	7.07
1983-84	.26	.71	1.23	1.80	2.57	3.18	4.05	4.99	6.38
1984-85	.23	.61	1.08	1.55	2.14	2.94	3.67	4.61	5.78

Figure 6

Total D.M.F.[1] Plus D.E.F.[2] for a Six Year Old Child by Program Year



[1] Decayed, missing, filled (permanent teeth)
[2] Decayed, extracted, filled (deciduous teeth)

Services Provided to Enrolled Children and Adolescents

All services provided by Dental Plan staff are recorded, for statistical purposes, in a data information system in addition to the customary patient service record. The volume of services provided by Dental Plan staff and private dental practitioners during the 1984-85 program year is shown, by age of patient, in Table 5. Comparisons with the volume of service provided in previous years may be made by referring to previous reports.

Table 5

Clinical Services Provided[1]
September, 1984 — August, 1985

Services	Number (By Year of Birth)												
	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	Total
Parent contacts													
In person	283	413	679	2,278	2,698	3,294	3,858	4,412	5,343	5,993	5,516	20,006	54,805
By phone	536	593	1,190	4,381	4,138	4,412	4,996	5,428	6,039	6,422	6,217	15,376	59,730
By letter	2,604	3,225	5,534	19,698	20,619	20,826	22,235	23,143	24,444	25,804	23,866	19,367	211,385
Diagnostic services													
Initial oral examination	8,452	8,568	8,042	621	646	694	624	653	758	920	1,595	12,970	44,543
Emergency oral examination	98	85	126	394	493	643	819	854	837	858	877	1,049	7,133
Specific oral examination	963	936	1,797	9,363	5,876	6,026	10,238	6,597	7,719	11,411	5,067	3,506	69,501
Recall examination	1,764	2,104	3,455	12,174	12,109	11,876	12,213	12,530	12,712	12,927	12,020	648	106,532
Diagnostic models	62	79	102	88	88	110	170	259	283	282	114	81	1,696
Radiographic services													
Periapical radiographs	3,469	3,196	3,357	1,308	1,265	1,401	1,554	1,628	1,813	1,909	1,204	940	23,053
Bitewing radiographs (single film)	16,039	15,570	16,248	11,765	8,820	7,103	7,558	8,033	9,170	10,087	7,209	14,355	131,957
Panoramic radiographs	7	6	6	2	0	1	7	4	2	2	2	0	39
Occlusal single	6	7	16	27	44	20	63	127	269	368	198	173	1,318
Preventive services													
Dental prophylaxis	9,620	10,014	10,834	13,280	13,372	13,183	13,531	13,923	13,751	13,696	13,414	13,343	152,161
Polish amalgam	815	903	1,358	4,184	3,820	3,598	3,770	4,247	4,785	4,942	4,329	3,985	40,736
Topical fluoride	1,706	2,035	3,404	11,306	11,454	11,358	11,653	11,960	12,087	12,279	12,062	12,110	113,434
Fluoride varnish	2	1	7	13	12	19	10	21	14	9	15	4	127
Nutritional counsel (individual)	302	338	504	2,080	2,019	2,128	2,344	2,400	2,371	2,396	2,470	2,579	21,931
Oral hygiene instruction (individual)	1,808	2,151	3,612	12,340	12,456	12,204	12,612	12,908	13,021	13,343	12,921	13,278	122,654
Fissure sealant	1,131	1,924	4,522	22,245	24,929	18,621	11,503	8,214	10,864	18,691	16,164	3,988	142,796
Group instruction[2]	0	0	0	0	0	0	0	0	0	0	0	0	1,481
Restorative services													
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Amalgam primary													
One surface	13	17	20	42	68	192	480	963	1,562	2,121	3,154	6,974	15,606
Two surface	26	24	34	150	293	866	2,420	4,479	6,646	8,275	8,491	15,040	46,744
Three surface	5	6	9	34	70	194	434	774	799	714	677	1,631	5,347
Four surface	1	0	0	8	9	14	31	41	54	24	33	97	312
Five surface	0	0	0	0	0	2	3	2	0	1	2	4	14
Amalgam permanent													
One surface	4,796	5,189	6,405	6,780	6,020	4,648	3,949	3,772	4,272	4,062	2,106	407	52,406
Two surface	4,679	4,325	4,067	4,341	3,268	2,525	2,014	1,621	1,391	1,061	667	138	30,097
Three surface	1,261	1,095	983	1,031	605	454	315	216	240	133	75	22	6,430
Four surface	195	151	134	134	101	102	38	31	52	32	26	0	996
Five surface	49	48	20	28	21	17	12	7	11	3	2	0	218

Composite restorations (white)	2,017	1,845	1,738	1,717	1,319	1,156	955	792	627	388	248	430	13,232
Retentive pins	140	160	116	61	54	65	43	35	44	20	14	7	759
Crowns													
Stainless steel	15	19	20	16	48	111	319	712	1,308	1,867	2,209	4,436	11,080
Porcelain, plastic, cast or preformed metal	243	129	91	23	29	16	22	19	2	1	1	0	576
Caries control													
Removal of decay and placement of sedative dressing	88	86	73	93	133	183	205	207	154	190	288	807	2,507
Discing or slicing	30	17	34	119	151	160	179	409	698	761	283	202	3,043
Prosthetic services													
Full dentures	8	0	0	0	0	0	0	0	0	0	0	1	9
Partial dentures	37	21	21	13	18	7	6	2	4	0	0	1	130
Pulp therapy services													
Pulp cap	43	53	66	197	156	159	116	136	127	115	87	155	1,412
Root canal therapy	153	128	101	59	43	57	45	40	13	1	4	0	644
Pulpotomy	27	20	23	57	57	147	345	646	980	1,248	1,586	4,346	9,482
Periodontal services	77	95	161	297	263	245	232	199	156	107	38	8	1,878
Surgical services													
Extraction of primary teeth	686	567	941	784	1,248	1,715	2,039	1,618	1,461	1,670	1,548	1,429	15,706
Extraction of permanent teeth	15	16	29	49	50	65	37	19	37	29	14	1	361
Extraction of primary teeth for orthodontic purposes	0	12	59	395	629	959	1,104	1,025	1,116	1,070	711	221	7,301
Extraction of permanent teeth for orthodontic purposes	7	27	58	294	362	347	244	144	53	58	28	6	1,628
Removal of residual roots (soft tissue coverage)	24	19	8	2	3	8	4	7	5	6	7	10	103
Open and drainage of tooth	13	14	7	9	13	10	15	19	13	18	11	26	168
Surgical exposure of unerupted tooth	0	0	2	7	10	11	4	3	7	5	1	0	50
Removal of tooth (specialist)	21	15	10	56	66	66	58	41	20	12	6	3	374
Other surgical services (specialist)	146	97	48	97	67	88	51	43	28	17	11	9	702
Traumatically displaced teeth	10	9	7	5	5	10	13	5	4	4	5	2	79
Palliative services	152	101	90	41	37	54	85	50	65	43	50	41	809
Space maintainers and minor orthodontic services													
Unilateral space maintainer	3	5	7	13	11	17	44	92	216	392	467	627	1,894
Bilateral space maintainer	1	5	6	15	18	25	50	84	70	81	51	38	444
Tooth movement and space regaining	16	15	18	37	44	61	103	139	169	121	27	5	755
Observation/adjustment of active appliance	23	55	57	198	192	240	368	471	579	339	75	20	2,617
Removal/re-cement of fixed appliance	2	6	8	12	23	47	87	106	86	59	32	20	488
Occlusal adjustment	4	2	1	2	9	5	4	6	10	5	4	22	74
Number of children seen one or more times	10,480	10,916	11,616	12,969	13,119	12,897	13,210	13,544	13,760	14,100	13,825	13,792	154,228
Percent of children seen one or more times	77.05	79.68	85.38	96.88	97.37	97.41	97.81	98.04	97.92	97.98	97.84	97.12	93.41

[1] Includes services to enrolled registered Indians.

[2] Group instruction on dental health was provided to children in 1,481 classrooms. Individual records were not maintained by year of birth.

Referred and Emergency Services

The costs of services provided by private practitioners to children and adolescents enrolled in the Dental Plan are covered in three areas: referred services, emergency services and services provided in the adolescent dental program.

Referrals for children and adolescents to private practitioners are of two types. A general referral is given to a patient when the examining dentist feels that the management of the patient is beyond the capability of the dental therapist. Into the category of patient management fall individuals with such problems as mental or physical handicaps and medical or emotional problems. Dental Plan dentists are qualified to deal with such situations, but intensive treatment of special cases is not their primary role in the Plan. Rather, their role is to examine all enrolled children and to supervise the treatment. It is therefore considered preferable to refer children requiring extensive management to a private practitioner, who can devote more time to them and provide more intensive care.

Enrolled children and adolescents are also given referrals to private practitioners for specific dental problems beyond the capability of the dental therapist. Into this category fall such services as treatment of minor orthodontic problems and extensive surgical procedures.

Private practitioners also provide emergency services to enrolled children and adolescents. Emergency services are defined as the relief of pain, treatment of infections, or control of haemorrhage. In emergency cases, the patient does not need to be referred by a Dental Plan dentist in order for service costs to be covered.

In addition, in 1984-85 five private practitioners provided dental care to enrolled children and adolescents on a contract basis.

The following table outlines the types and costs of referred and emergency services provided by private practitioners to children and adolescents enrolled in the Saskatchewan Dental Plan in 1984-85.

Table 6

Referred and Emergency Services Provided By Private Practice Dentists to Children and Adolescents Enrolled in the Dental Plan[1]

September, 1984 — August, 1985

	Referred		Emergency		Total	
Type of Service	**No.**	**Cost ($)**	**No.**	**Cost ($)**	**No.**	**Cost ($)**
Total	11,587	312,644.87	2,347	56,840.56	13,934	362,159.20
Initial oral examination	1,100	16,388.05	34	505.40	1,134	16,893.45
Specific oral examination	412	7,256.94	2	27.20	414	7,284.14
Diagnostic models	30	544.50	1	18.15	31	562.65
Periapical x-rays	832	6,896.57	629	5,996.39	1,461	12,892.96
Bitewing x-rays	900	6,378.00	62	498.05	962	6,876.05
Panoramic x-rays	20	522.40	0	0.00	20	522.40
Topical fluoride and dental prophylaxis	1,110	18,698.09	42	717.85	1,152	19,415.94
Oral hygiene instruction (individual)	174	2,073.50	1	11.50	175	2,085.00
Amalgam restorations	2,131	53,746.07	145	3,505.83	2,276	57,251.90
Composite restorations	385	13,421.34	254	12,201.65	639	25,622.99
Stainless steel crowns	329	13,296.40	29	1,176.20	358	14,472.60
Crowns — porcelain, plastic, cast or preformed metal	151	19,815.20	14	1,536.70	165	21,351.90
Caries control — removal of decay, place sedative dressing	36	268.10	31	230.25	67	498.35
Full or partial dentures	22	3,157.70	2	218.65	24	3,376.35
Repositioning traumatically displaced teeth	9	373.00	43	2,060.55	52	2,433.55
Root canal therapy	155	27,032.90	44	7,760.95	199	34,793.85
Pulpotomy	284	8,149.44	83	2,477.75	367	10,627.19
Removal of erupted teeth	1,389	28,665.90	490	10,357.45	1,879	39,023.35
Surgical removal of tooth (specialist)	308	8,156.05	1	28.70	309	8,184.75
Other surgical services (specialist)	365	36,605.65	0	0.00	365	36,605.65
Unilateral space maintainer	71	4,498.70	4	256.50	75	4,755.20
Bilateral space maintainer	73	7,852.50	1	106.50	74	7,959.00
Tooth movement and space regaining	64	7,331.30	0	0.00	64	7,331.30
Observation orthodontics	141	1,539.25	2	21.90	143	1,561.15
Other miscellaneous services	1,096	19,977.32	433	7,126.44	1,529	27,103.76
Other services unidentified	—	—	—	—	—	(7,326.23)

[1] In addition to the above expenditures, the following costs were incurred:

$2,671,789.70 in capitation payments were made to the College of Dental Surgeons for services provided to 25,183 adolescents who received routine dental care from private practice dentists;

Therefore expenditures amount to $3,033,948.90 for private practitioners paid on a fee for service basis (See Statement 1).

Expenditures

In a review of the following financial statements, certain points should be noted:

1. The financial statements reflect all expenditures incurred directly by the Dental Plan. The statements include certain expenditures which apply to activities other than the provision of dental care to enrolled persons. However, costs related to the Dental Plan which were incurred by other agencies are excluded.

2. Revenue from Dental Plan activities is not applied to offset expenditures. Total revenue of $1,692,637.07 realized during the year includes:

(a)	Department of National Health and Welfare — enrolled Indian children and adolescents	$689,885.06
(b)	Department of National Health and Welfare — Canada Assistance Plan	$983,258.30
(c)	Province of Alberta — preventive services in Lloydminster	$ 11,950.00
(d)	Other miscellaneous and casual revenues	$ 7,543.71

Statement 1

Statement of Payments — Operating Expenses

	September 1, 1983 to August 31, 1984	September 1, 1984 to August 31, 1985
Administration (Regina Central Office)		
Salaries and honoraria	$ 772,356.92	$ 610,670.73
Travel	16,718.13	15,076.28
Public information and advertising	60,289.65	2,132.33
Professional dues and staff training	4,437.97	2,220.00
Office expenses	69,471.13	91,085.37
Other expenses	453,752.04	362,040.59
Sub total	$ 1,377,025.84	$ 1,083,225.30
Dental Plan Program Expenses		
Salaries	$ 9,356,104.06	$ 9,139,412.66
Travel	768,831.33	687,780.59
Public information and advertising	544.35	33.06
Professional dues and staff training	36,644.05	33,967.41
Office expenses	232,382.56	215,983.40
Private practitioners — fee for service	2,562.072.36	3,033,948.90
Private practitioners — on contract	107,365.44	95,742.69
Laboratory supplies and services	54,927.02	58,633.36
Dental supplies	417,219.95	689,717.23
Repairs	58,453.15	49,802.28
Taxes and licences	10,927.92	19,774.46
Grants and contributions	25,800.00	14,400.00
Other expenses	112,545.69	94,957.45
Sub total	$13,743,817.88	$14,134,153.49
Total operating expenditure	$15,120,843.72	$15,217,378.79
Capital equipment purchases	2,470.44	23,965.74
Total expenditure	$15,123,314.16	$15,241,344.53
Supplementary Health Dental Benefits — Program Expenses		
Salaries and honoraria	$ 77,959.65	$ 75,465.32
Travel	299.20	246.84
Office expenses	1,337.71	1,298.45
Private practitioners — fee for service	2,569,241.30	2,355,624.01
Private practitioners — on contract (correctional centres)	26,234.77	27,792.00
Other expenses	27,642.59	51,726.83
Total expenditure	2,702,715.22	$ 2,512,153.45
Total of all expenditures	$17,826,029.38	$17,753,497.98

Statement 2

Expenditure Statement Reconciliation to Public Accounts[1]

	Public Accounts	Program Year
Expenditure Sept. 1/82 — March 31/83	not applicable[2]	$ 8,617,521.86
Expenditure April 1/83 — August 31/83	$ 7,159,190.08	7,159,190.08
Total Expenditure 1982-83 Program Year		$15,776,711.94
Expenditure Sept. 1/83 - March 31/84	11,076,236.68	$11,076,236.68
Public Accounts 1983-84	$18,235,426.76	
Expenditure April 1/84 — August 31/84	$ 6,749,792.70	6,749,792.70
Total Expenditure 1983-84 Program Year		$17,826,029.38
Expenditure Sept. 1/84 — March 31/85	11,103,622.47	$11,103,622.47
Public Accounts 1984-85	$17,853,415.17	
Expenditure April 1/85 — August 31/85		6,649,875.51[3]
Total Expenditure 1984-85 Program Year		$17,753,497.98

[1] This reconciliation is included because the Saskatchewan Dental Plan operates on a school year (begins September 1) rather than on the Government fiscal year (begins April 1).

[2] The figures for this period apply to the fiscal year 1982-83 and have been reported in previous reports. The figure is not reported here to avoid confusion.

[3] These figures, obtained from the Department of Finance monthly expenditure statements relating to the Saskatchewan Dental Plan, will be included in the Public Accounts for the 1985-86 fiscal year.

Statement 3

Adjustment to Cash Expenditure Statements Shown in Statement 1 to Determine Actual Cost of Services Rendered to Enrolled Children and Adolescents

	Program Year September 1/83 — August 31/84		Program Year September 1/84 — August 31/85	
Total Operating Expenditure				
(from statement 1)		$15,120,843.72		$15,217,378.79
Add dental supplies opening inventory	$563,570.93		$407,161.96	
Less dental supplies closing inventory	(407,161.96)		(431,893.86)	
Add repair parts opening inventory	53,077.94		32,229.15	
Less repair parts closing inventory	(32,229.15)		(57,543.40)	
Less grant paid to the College of Dental Surgeons of Saskatchewan for the Summer Dental Externship Program[1]	(25,800.00)		(14,400.00)	
Less cost of providing certain dental services to Lloydminster, Alberta[2]	(8,313.32)		(10,569.58)	
Sub total		$15,263,988.16		$15,142,363.06
Add depreciation		139,625.80		122,276.79[3]
Add amortization		20,980.40		16,784.32[4]
Actual cost of services		$15,424,594.36		$15,281,424.17
Number of enrolled children and adolescents		161,784		165,101
Average cost per enrolled child[5]		$ 95.34		$ 92.56

[1] Grant for students in the College of Dentistry, University of Saskatchewan, serving a dental externship with private practice dentists in rural Saskatchewan.

[2] Costs incurred for providing certain dental health education and preventive services to children resident in Alberta, who attend school in Lloydminster, under an agreement with the Province of Alberta.

[3] Opening inventory of depreciated fixed assets ($930,838.66 — $139,625.80)	$ 791,212.86
Add purchases during year	23,965.74
Undepreciated fixed assets	$ 815,178.60
Depreciation calculated at 15% of undepreciated value of fixed assets	$ 122,276.79

[4] Costs incurred for rewrite of the data processing system ($104,901.99 — $20,980.40)	$ 83,921.59
Add costs incurred during year	0.00
Unamortized value of system	$ 83,921.59
Amortization calculated at 20% of unamortized value of system	$ 16,784.32

[5] Calculated by dividing the actual cost of services by the number of children and adolescents enrolled.

Note: The Department of Education covers the cost of establishing health clinics in schools. These expenditures are capital in nature and should be amortized over the life of the facility.

Opening inventory of approved dental clinics ($3,578,522.90 - $178,926.15)	$3,399,596.75
Add approved dental clinics from September 1/84 to August 31/85	$ 376,284.00
Undepreciated dental clinics	$3,775,880.75
Depreciation calculated at 5% of undepreciated value of dental clinics	$ 188,794.04

This would represent an average cost per enrolled child of:

$$\frac{\$188,794.04}{165,101} = \$1.14$$

Appendix 1

Established Dental Clinics
by Dental Region and Location

Swift Current Dental Region

Location	School
Abbey	Abbey School
Burstall	Burstall School
Cabri	Cabri Elementary
Central Butte	Central Butte Elementary
Chaplin	Chaplin Elementary
Climax	Climax Elementary
Consul	Consul School
Dinsmore	Dinsmore School
Eastend	Eastend School
Elrose	Elrose School
Eston	Eston Elementary
Fox Valley	Fox Valley School
Frontier	Frontier School
Gravelbourg	Gravelbourg Elementary
Gull Lake	Gull Lake Elementary
Herbert	Herbert Elementary
Hodgeville	Hodgeville Elementary
Kincaid	Kincaid School
Kyle	Kyle School
Lafleche	Lafleche School
Lancer	Lancer Elementary
Leader	Leader Elementary
Mankota	Mankota School
Maple Creek	Jasper Street Elementary
	Sidney Street Elementary
Morse	Morse School
Ponteix	Ponteix Elementary
Richmound	Richmound School
Shaunavon	Christ the King School
	Shaunavon Public School
Swift Current	Ashley Park Elementary
	Central Elementary
	Dickson Elementary
	Fairview Elementary
	James O. Begg Elementary
	Kinsman/Oman Elementary
Val Marie	Val Marie School
Vanguard	Vanguard Elementary
Wymark	Wymark Elementary
Total Clinics for 1984-85	39

Regina Dental Region

Location	School
Abernethy	Abernethy Elementary
Assiniboia	Assiniboia Jr. High
Avonlea	Avonlea Elementary
Balcarres	Balcarres School
Balgonie	Balgonie Elementary
Bengough	Bengough School
Bethune	Bethune School
Briercrest	Briercrest School
Brownlee	Brownlee School
Bulyea	Bulyea School
Caronport	Caronport Elementary
Ceylon	Ceylon Elementary
Coderre	Coderre School
Coronach	Coronach School
Crane Valley	Crane Valley School
Creelman	Creelman Elementary
Cupar	Cupar Elementary
Dysart	Dysart School
Earl Grey	Earl Grey School
Fillmore	Fillmore School
Fort Qu'Appelle	Fort Qu'Appelle Elementary
Francis	Francis School
Gladmar	Gladmar High
Glenavon	Glenavon School
Goodwater	Goodwater Elementary
Govan	Govan Elementary
Grand Coulee	Grand Coulee School
Indian Head	Indian Head Elementary
Kelliher	Kelliher School
Lajord	Lajord Hutterite Elementary
Lake Alma	Lake Alma Elementary
Lang	Lang Elementary
Lebret	Qu'Appelle Residential School
Lestock	Lestock High
Limerick	Limerick Elementary
Lipton	Lipton Elementary
Lumsden	Arm River Hutterite Elementary
	Lumsden Elementary
McLean	McLean School
Marquis	St. Mark Separate Elementary
Midale	Midale School
Milestone	Milestone Elementary
Minton	Minton Elementary
Montmartre	Montmartre School
Moose Jaw	Alexander Elementary
	Bushell Park School
	Empire Elementary
	King Edward Elementary
	King George Elementary
	Lindale School
	Palliser Heights Elementary
	Prince Arthur Elementary
	Ross Elementary
	Sacred Heart Elementary

Regina Dental Region (continued)

Location	School
	St. Agnes Elementary
	St. Margaret School
	St. Michael Elementary
	Westmount Elementary
	William Grayson Elementary
	Moose Jaw District Office
Mortlach	Mortlach School
Mossbank	Mossbank Health Clinic
Odessa	Odessa School
Ogema	Ogema School
Pangman	Pangman Elementary
Pilot Butte	Pilot Butte Elementary
Punnichy	Punnichy Elementary
	Punnichy High
Quinton	Quinton Elementary
Radville	Radville Elementary
	St. Olivers Elementary
Raymore	Raymore School
Regina	Albert Elementary
	Argyle Elementary
	Athabasca Elementary
	Benson Elementary
	Birchwood Elementary
	Judge Bryant Elementary
	Centennial Elementary
	M. J. Coldwell Elementary
	Coronation Park Elementary
	Deshaye Separate Elementary
	Dieppe Elementary
	Ecole Monseigneur De Laval Elementary
	Elsie Dorsey Elementary
	Dover Elementary
	W. H. Ford Elementary
	Grant Road Elementary
	Dr. Hanna Elementary
	W. C. How Elementary
	Wilfred Hunt Elementary
	Imperial Elementary
	Henry Janzen Elementary
	Kitchener Elementary
	George Lee Elementary
	Gladys McDonald School
	McLurg Elementary
	McNabb Elementary
	Marion McVeety Elementary
	Ethel Milliken Elementary
	Ruth Pawson Elementary
	Dr. A. E. Perry Elementary
	Al Picard School
	W. F. Ready School
	Regent Park Elementary
	Rosemont Elementary
	St. Anne Elementary
	St. Augustine Separate Elementary
	St. Bernadette Separate Elementary
	St. Dominic Savio Elementary
	St. Francis Separate Elementary
	St. Gregory Separate Elementary
	St. Jerome Separate Elementary
	St. Joan of Arc Separate Elementary
	St. John Separate Elementary
	St. Josaphat Separate Elementary
	St. Leo Separate Elementary
	St. Luke Separate Elementary
	St. Mary Separate Elementary
	St. Matthew Separate Elementary
	St. Patrick Separate Elementary
	St. Peter Separate Elementary
	St. Philip Separate Elementary
	St. Pius X Separate Elementary
	St. Timothy Separate Elementary
	Sherwood Elementary
	St. Marguerite Bourgeoys School
	Walker Elementary
	Wilfrid Walker Elementary
	Wascana Elementary
	Wascana Institute
	Maranatha Christian Centre
	Campbell Collegiate
	Robert Usher Collegiate
	Wascana Hospital
Rockglen	Rockglen Elementary
Rouleau	Rouleau Elementary
Sedley	Sedley Elementary
Semans	Semans Elementary
Sintaluta	Sintaluta Elementary
Southey	Southey School
Spring Valley	Artesian School
Strasbourg	Strasbourg Elementary
Vibank	Vibank Elementary
Weyburn	Elgin Elementary
	Haig Elementary
	Queen Elizabeth Elementary
	St. Dominic Savio Elementary
	St. Michael Junior High
	Souris School
	Weyburn Jr. High
White City	White City School
Wilcox	Notre Dame School
Willow Bunch	Willow Bunch Elementary
Windthorst	Windthorst School
Wolseley	Dr. Isman Elementary
Wood Mountain	Wood Mountain School
Yellow Grass	Yellow Grass Elementary
Total Clinics for 1984-85	158

Saskatoon Dental Region

Location	School
Aberdeen	Aberdeen Elementary
Allan	Allan School
Annaheim	Annaheim School
Asquith	Asquith School
Beechy	Beechy School
Bellevue	St. Isidore de Bellevue
Borden	Borden School
Bruno	Bruno School
Carmel	Carmel School
Clavet	Clavet School
Colonsay	Colonsay School
Conquest	Conquest School
Craik	Craik School
Cudworth	Cudworth School
Dalmeny	Dalmeny School
Davidson	Davidson School
Delisle	Delisle Elementary
Domremy	Domremy School
Duck Lake	Beardy's Day School
	Beardy's School
	Stobart Elementary
Dundurn	Dundurn Elementary
	Hillcrest Hutterite School
Elbow	Elbow Elementary
Englefeld	Englefeld School
Guernsey	J. Eldon Bergey Elementary
Hague	Prince Philip Elementary
Hanley	Hanley School
Hepburn	Hepburn School
Holdfast	Holdfast School
Humboldt	Humboldt Elementary
	St. Augustine Elementary
	St. Dominic Elementary
Imperial	Imperial School
Kenaston	Kenaston School
Laird	Laird Elementary
Lake Lenore	Lake Lenore School
Langham	Langham Elementary
	Langham High
Lanigan	Lanigan Elementary
Leroy	Leroy Medical Health Centre
Loreburn	Loreburn Central High
Lucky Lake	Lucky Lake School
Martensville	Martensville Elementary
	Martensville High School
Middle Lake	Middle Lake School
Muenster	Muenster School
Nokomis	Nokomis School
Osler	R. J. Davidson Elementary
Outlook	Outlook Elementary
Perdue	Perdue School
Pilger	Pilger School
Prud'Homme	Prud'Homme School
Radisson	Radisson School
Rosthern	Rosthern Elementary
Saskatoon	Alvin Buckwold Elementary
	Bishop Klein Elementary
	Bishop Pocock Elementary
	Bishop Roborecki Elementary
	Brevoort Park Elementary
	Brownell Elementary
	Buena Vista Elementary
	Cardinal Leger Elementary
	Caroline Robins Elementary
	Caswell Elementary
	Christian Academy Elementary
	College Park Elementary
	Confederation Park Elementary
	Fairhaven Elementary
	Father Vachon Elementary
	French School
	George Vanier Elementary
	Greystone Heights Elementary
	Grosvenor Park Elementary
	Haultain Elementary
	Henry Kelsey Elementary
	Holliston Elementary
	Holy Family Elementary
	Howard Coad Elementary
	Hugh Cairns Elementary
	John Lake Elementary
	King George Elementary
	Lakeview Elementary
	Lawson Heights Elementary
	L'Ecole Canadienne Francaise
	Lester B. Pearson Elementary
	Mayfair Elementary
	Montgomery Elementary
	Native Survival School
	North Park Elementary
	Pleasant Hill Elementary
	Prince Philip Elementary
	Princess Alexandra Elementary
	Queen Elizabeth Elementary
	River Heights Elementary
	Roland Michener Elementary
	St. Anne Elementary
	St. Augustine Elementary
	St. Bernard Elementary
	St. Dominic Elementary
	St. Edward Elementary
	St. Frances Elementary
	St. George Elementary
	St. Gerard Elementary
	St. Goretti Elementary
	St. James Elementary
	St. John Elementary
	St. Mark's Elementary
	St. Mary Elementary
	St. Matthew Elementary
	St. Michael Elementary
	St. Paul Elementary
	St. Peter Elementary
	St. Philip Elementary
	St. Thomas Elementary
	School for the Deaf
	Silverwood Elementary
	Sister O'Brien Elementary
	South Corman Park Elementary

Saskatoon Dental Region (continued)

Location	School
	Sutherland Elementary
	Thornton Elementary
	Victoria Elementary
	Vincent Massey Elementary
	Westmount Elementary
	Wildwood Elementary
	Wilson Elementary
	W. P. Bates Elementary
St. Benedict	St. Benedict School
St. Brieux	St. Brieux School
St. Louis	St. Louis School
Spalding	Spalding School
Strongfield	Strongfield Elementary
Swanson	Swanson Cristian School
Vanscoy	Vanscoy Elementary
Viscount	Viscount Elementary
Vonda	Vonda Elementary
Wakaw	Wakaw School
Waldheim	Waldheim School
Warman	Warman Elementary
	Warman High
Watrous	Watrous Elementary
Watson	Watson Elementary
	Watson High
Young	McClellan School

Total Clinics for 1984-85 144

Yorkton Dental Region

Location	School
Alida	Alida School
Archerwill	Archerwill School
Arcola	Arcola School
Arran	Arran School
Bellegarde	Bellegarde School
Benson	Benson School
Bienfait	Bienfait School
Bredenbury	Bredenbury School
Broadview	M. B. Cope Elementary
Buchanan	Buchanan School
Canora	Canora Junior Elementary
	Canora Senior Elementary
Carlyle	Carlyle School
Carnduff	Carnduff Elementary
Carragana	Carragana Elementary
Churchbridge	Churchbridge Elementary
Corning	Corning School
Dubuc	Dubuc Elementary
Ebenezer	Ebenezer Elementary
Esterhazy	P. J. Gillian School
	Esterhazy Central
Estevan	Hillcrest Elementary
	Hillside Elementary
	Immaculate Heart Junior High
	Pleasantdale Elementary
	Sacred Heart School
	St. Mary School
	Scotsburn School
	Westview School
Endeavour	Endeavour Elementary
Foam Lake	Foam Lake Elementary
	Foam Lake Composite High
Frobisher	Frobisher Elementary
Gainsborough	Gainsborough School
Grayson	Grayson School
Grenfell	Grenfell Elementary
Hudson Bay	Blake Beattie Elementary
	Stewart Hawke Elementary
Invermay	Invermay Elementary
Ituna	Ituna School
Kamsack	Victoria Elementary
	Kamsack Jr. High
Kelvington	Robert Melrose Elementary
Killaly	Killaly School
Kipling	Kipling School
Lampman	Lampman School
Langbank	Langbank School
Langenburg	Hoffman Elementary
	Parkside Elementary
Lemberg	Lemberg School
Lintlaw	Lintlaw Okla School
MacNutt	MacNutt School
Macoun	Macoun School
Manor	Manor School
Maryfield	Maryfield School
Margo	Margo School
Melville	Melville Comprehensive
	Miller Elementary
	St. Henry Elementary
Moosomin	Churchill School
Neudorf	Neudorf Elementary
Norquay	Norquay Elementary
	Norquay High
Oxbow	Oxbow Elementary
	Oxbow Prairie Heights
Pelly	Fort Livingstone School
Porcupine Plain	Porcupine Plain Elementary
Preeceville	Preeceville School
Quill Lake	Quill Lake Elementary
	Quill Lake High School
Rama	Rama School
Redvers	Redvers School
Rocanville	Rocanville School
Rose Valley	Rose Valley School
Saltcoats	Saltcoats Elementary
	Countryside Mennonite School
Sheho	Sheho School
Springside	Springside Elementary
Stockholm	Stockholm School
Storthoaks	St. Thomas School

Yorkton Dental Region (continued)

Location	School
Stoughton	Stoughton School
Sturgis	Sturgis Elementary
	Sturgis Composite High
Tantallon	Tantallon School
Theodore	Theodore School
Torquay	Torquay School
Wadena	Wadena Elementary
	Wadena Composite High
Wapella	Wapella School
Wawota	Wawota School
Weekes	Weekes School
Whitewood	Whitewood School
Willowbrook	Willowbrook Elementary
Wishart	Wishart School
Wynyard	Wynyard Elementary
	Wynyard Composite High
Yorkton	Angus Spice Elementary
	Columbia Elementary
	Dr. Brass Elementary
	St. Alphonsus Elementary
	St. Mary Elementary
	St. Paul Elementary
	Simpson Elementary

Total Clinics 1984-85 103

Prince Albert Dental Region

Location	School
Albertville	Albertville Elementary
Arborfield	Arborfield School
Big River	T. D. Michel Elementary
Birch Hills	Birch Hills School
Bjorkdale	Bjorkdale School
Canwood	Canwood Elementary
Carrot River	Carrot River Elementary
Christopher Lake	Christopher Lake School
Codette	Codette Elementary
Crystal Springs	Dixon Lake School
Debden	Debden School
Garrick	Garrick Elementary
Gronlid	Gronlid School
Kinistino	Kinistino Elementary
MacDowall	MacDowell Elementary
Meath Park	Meath Park School
Melfort	Brunswick Elementary
	Burke Elementary
	Melfort and Unit Comprehensive Collegiate
	Reynolds Central Elementary
Mistatim	Mistatim School
Naicam	Naicam School
Nipawin	Alex Wright Elementary
	L. P. Miller Comprehensive School
	Wagner Elementary
Paddockwood	Paddockwood Elementary
Pleasantdale	Pleasantdale School
Prince Albert	Boucher Junior High
	W. J. Berezowsky Elementary
	John Diefenbaker Elementary
	King George Elementary
	Queen Mary School
	St. Mark's Elementary
	Vickers Elementary
	Wesmor Junior High
Prince Albert Rural	Osborne Elementary
	Prince Albert East Central Elementary
	Prince Albert West Central Elementary
	Red Wing Elementary
Ridgedale	Ridgedale School
Shellbrook	Shellbrook Elementary
	Shellbrook Primary
Shell Lake	Shell Lake School
Smeaton	Smeaton School
Spruce Home	Spruce Home Central Elementary
Star City	Star City School
Tisdale	Centennial Junior High
	Tisdale Elementary
Weldon	Weldon School
White Fox	White Fox School
Wild Rose	Wild Rose Central Elementary
Yellow Creek	Yellow Creek School
Zenon Park	Zenon Park School

Total Clinics for 1984-85 53

North Battleford Dental Region

Location	School
Alsask	John A. Silver DND School
Battleford	Battleford Central School
	Battleford Junior High
	St. Vital Elementary
Biggar	Nova Wood Elementary
Blaine Lake	Blaine Lake Composite
Cando	Cando School
Cochin	Cochin Elementary
Cut Knife	Cut Knife Elementary
Denzil	Denzil Elementary
Dodsland	Dodsland Elementary
Dorintosh	Dorintosh Elementary
Eatonia	Eaton School
Edam	H. Hardcastle School
Glaslyn	Glaslyn School
Goodsoil	Goodsoil Central School
Hafford	Hafford School
Harris	Harris-Tessier School
Hillmond	Hillmond Central School
Kerrobert	Mary Rodney Elementary
Kindersley	Kindersley School Unit Office
Landis	Landis School
Lashburn	J. H. Moore Elementary
Leask	Leask School
Leoville	Leoville School
Livelong	Livelong Elementary
Lloydminster	E. S. Laird School
	Father Gorman Elementary
	Neville Goss Elementary
	Winston Churchill Elementary
Lone Rock	Lone Rock Elementary
Loon Lake	Ernie Studer School
Luseland	W. S. Patterson Elementary
Macklin	Macklin Elementary
Maidstone	Ratushniak Elementary
Makwa	Makwa School
Marcelin	Marcelin School
Marengo	Westcliffe School
Marsden	Marsden Elementary
Marshall	Marshall Elementary
Mayfair	Mayfair School
Maymont	Maymont Central School
Meadow Lake	Jubilee Elementary
	Lakeview Elementary
Medstead	Medstead School
Milden	Milden Central School
North Battleford	Alexander Junior High School
	Bready Elementary
	Lawrence Elementary
	McKitrick Elementary
	Notre Dame Elementary
	St. Joseph Elementary
Paradise Hill	Paradise Hill Elementary
Paynton	Paynton School
Pierceland	Pierceland School
Plenty	North-West Central High
Rabbit Lake	Rabbit Lake Elementary
Rosetown	Rosetown Division III
	Walter Aseltine Elementary
St. Walburg	St. Walburg Public High
Sonningdale	Sonningdale School
Spiritwood	Hartley Clark Elementary
Tramping Lake	Tramping Lake School
Turtleford	Turtleford School
Unity	St. Peter Elementary
	Unity Elementary
Wilkie	Norman Carter Elementary
	St. George Separate School

Total Clinics for 1984-85 68

Total Number of Clinics — All Regions 565

Appendix 2

Supplementary Health Dental Benefits

The cost of services provided by private dental practitioners to persons covered by the Supplementary Health Dental Benefits program for social assistance recipients is administered by the Dental Plan.

The following table outlines the costs and types of dental services provided by private practitioners to individuals covered by this program in 1984-1985.

Service	Sept. 1/84-Aug. 31/85 Number of Services	Cost
Dentist Services:		
Examination — standard	8,536	$ 127,397.71
Examination — prosthodontic	255	2,588.25
Periapical x-ray — one film	2,711	28,121.84
Periapical x-ray — two films	1,569	22,237.10
Periapical x-ray — three films	288	5,620.40
Periapical x-ray — four films	264	6,489.40
Periapical x-ray — five or more	60	1,761.10
Occlusal x-ray — one film	37	548.90
Bitewing x-ray — one film	72	743.40
Bitewing x-ray — two films	4,256	60,401.90
X-ray — full mouth series	32	1,731.05
Study model	18	318.55
Prophylaxis — child under 5	172	3,120.00
Scaling and polishing — patient 17 or over	5,473	196,680.82
Topical fluoride — child under 5	134	1,219.40
Toothbrush instruction — child under 5	63	758.05
Caries control	318	2,358.60
Fixed unilateral space maintainer	12	643.35
Amalgam filling — primary one surface	374	6,032.90
Amalgam filling — primary two surface	281	7,112.85
Amalgam filling — primary three or more	75	2,310.35
Amalgam filling — permanent one surface	4,872	93,514.10
Amalgam filling — permanent two surface	5,421	160,947.58
Amalgam filling — permanent three or more	3,564	153,350.20
Restoration of cusps	437	4,246.00
Pins for restorations	646	4,589.20
Additional pins	292	993.90
Composite resin restoration — class V	1,677	34,414.85
Composite resin restoration — class III	2,468	50,657.95
Composite resin restoration — class IV	1,045	41,396.00
Composite resin restoration — double class IV	463	28,271.05
Acrylic crowns	202	41,184.05
Stainless steel crowns — primary tooth	142	5,687.10
Stainless steel crowns — permanent tooth	73	3,190.05
Recement crown	59	1,200.30
Preformed metal post and core	99	3,924.95
Pulpotomy — permanent anterior	47	2,050.75
Pulpotomy — permanent posterior	97	3,696.00
Pulpotomy — primary	124	3,124.80
Root canal	351	61,187.99
Trephination	90	900.00
Repositioning of traumatically displaced teeth	7	333.00
Periodontal surgery	4	279.48
Occlusal adjustment	44	1,026.95
Complete upper denture	700	118,651.30

Appendix 2 (continued)

Service	Sept. 1/84-Aug. 31/85 Number of Services	Cost
Dentist Services: (continued)		
Complete lower denture	455	77,032.60
Partial denture without clasps	45	4,881.10
Partial upper with clasps	195	21,119.68
Partial lower with clasps	140	15,166.74
Cast partial — upper	120	19,320.26
Cast partial — lower	81	13,118.25
Repair upper denture — no impression	200	5,415.30
Repair lower denture — no impression	40	1,151.50
Repair upper denture — with impression	201	9,472.17
Repair lower denture — with impression	61	2,894.45
Add tooth to denture	277	2,253.00
Reline, self-curing — upper	56	3,173.00
Reline, self-curing — lower	39	2,247.10
Reline, processed — upper	236	14,346.00
Reline, processed — lower	175	10,638.75
Rebase — upper	20	1,271.35
Rebase — lower	10	607.40
Denture adjustment	187	2,487.10
Tissue conditioning	2	24.00
Bridge repair — replace facing	4	132.10
Bridge repair — recement facing	1	15.60
Recement bridge	4	80.20
Tooth extraction	6,272	138,858.85
Each additional extraction	5,556	61,620.38
Oral surgery	498	27,668.72
Minor orthodontia	7	75.15
Recement fixed appliance	2	34.76
Removable acrylic appliance	2	158.30
Fixed appliance	1	116.90
Emergency palliative care	886	13,361.60
Non-specialist hourly fee	19	356.02
Hospital visit	200	4,479.00
Additional hospital visit	30	370.50
Emergency call back	62	1,331.15
Specialist Dental Services:		
Initial examination — oral surgery	163	4,008.70
Panoramic radiograph	118	3,060.60
Removal of tooth — uncomplicated	163	4,678.10
Removal of tooth — uncomplicated, each additional	561	10,715.10
Complicated surgery involving flap	47	2,707.00
Soft tissue impaction	36	2,384.00
Unerupted impaction	77	6,633.40
Unerupted impaction — unusual position	83	9,563.65
Root removal — soft tissue coverage	2	115.20
Root removal — bone coverage	3	230.40
Hospital visits	24	559.20
Specialist hourly fee	9	1,634.24
Major orthodontia — initial examination	238	4,271.70
Major orthodontia — analysis and consultation	177	18,826.30
Major orthodontia — initial fee	81	27,428.25
Major orthodontia — monthly maintenance	1,321	82,292.70
Major orthodontia — retainer fee	44	6,441.65
Major orthodontia — retainer check visits	68	1,213.00
Major orthodontia — final models	5	167.75
Other Miscellaneous Dental Services:		
Other Services	201	3,149.14

Appendix 2 (continued)

Service	Sept. 1/84-Aug. 31/85 Number of Services	Cost
Denturist Services:		
Complete upper denture	386	86,613.90
Complete lower denture	279	62,587.55
Partial denture without clasps	10	846.90
Partial acrylic denture — one to two teeth	3	520.15
Partial acrylic denture — three to five teeth	14	2,567.25
Partial acrylic denture — six or more teeth	24	4,690.00
Extra clasps	23	273.05
Partial cast denture — one to two teeth	0	0.00
Partial cast denture — three to five teeth	6	1,416.75
Partial cast denture — six or more teeth	14	3,731.50
Repair denture — no impression	142	3,285.95
Repair denture — with impression	80	2,924.75
Add tooth to denture	159	1,030.35
Reline denture — self-curing — upper	7	287.65
Reline denture — self-curing — lower	9	369.95
Reline denture — processed — upper	75	5,169.25
Reline denture — processed — lower	72	4,961.40
Rebase — upper	23	2,030.65
Rebase — lower	17	1,500.05
Denture identification	620	4,227.35
Dental Laboratory Services:		
Complete upper or lower denture	835	85,556.00
Immediate denture	335	37,267.00
Partial acrylic denture — 1 to 2 teeth	78	5,337.80
Partial acrylic denture — 3 to 5 teeth	147	11,707.50
Partial acrylic denture — 6 or more teeth	192	18,239.75
Extra clasp — single	41	383.35
Extra clasp — double	6	68.60
Extra clasp — double with rest	24	357.90
Upper partial cast denture — 1 to 2 teeth	23	3,094.65
Upper partial cast denture — 3 to 5 teeth	54	7,758.30
Upper partial cast denture — 6 or more teeth	50	7,884.50
Lower partial cast denture — 1 to 2 teeth	3	386.25
Lower partial cast denture — 3 to 5 teeth	37	5,096.75
Lower partial cast denture — 6 or more teeth	43	6,277.80
Duplicate model requiring impression	174	1,150.75
Model	1,865	7,364.45
Tray	687	7,258.90
Biteblock	1,033	8,305.70
Denture identification	1,376	9,377.50
Processed reline of denture	432	17,971.20
Rebase	25	1,237.00
Other Services Unidentified:	—	(17,844.57)
Total All Services and Costs	76,852	$2,355,624.01
Number Seen One or More Times	12,519	